

New Device for Solving Integral Equations
by A. F. Verlan.
RUSSIAN, per, Avtomatika i Priborostroyeniye,
No 3, 1964, pp 24-25.
*FTD-TT-65-1023

Sci-phys
Jul 65

✓

Automatics and the Control of Liquid Fuel Engines.

RUSSIAN, ~~re~~ rpt, Avtomatika i Regulirovaniye
Zhidkostnoreaktivnykh Dvigatelye, pp 324-341.

*FTD-MT-62-15

(Machine Translation)

Sci - Engr.

~~32~~ 62

Page

Establishment of Programming Devices With
Controls and Corrections, by M. B. Ignat'yev
et al.

RUSSIAN, bk, "Avtomatika, Telemekhanika i Pri-
borostroyeniye" AN SSSR, Institut Elektro-
mekhaniki, 1964, pp 161-172.

*FTD-MT-66-42

Sci/Electronics
Aug 67

Automat, Telemechan # 2, 3, 4 & 5 1941

Biography for Periodical 'Automatics &
Telemechanics'

pg 9948

SR 19 Oct 51

AVTOMAT I TELEMEXH Vol VIII, No 1

Jan 1947

*p 24-27**13*
~~22~~ pp

"Calculation of Nonlinear Functions from Certain Variables
in Studying the Stability of an Automatic Regulation
System"

M. A. Ayzerman

Unclassified

Proj 1497

U 416/49

T21-4C

Microfilm on file

ST-100

AR 15 Aug 1949

22T48

AVTOMAT I TELEMEXH Vol VIII, No 1

Jan 1947

p50.59 ~~18~~
"Magnetoelectric Mechanism for Automatic Control and
Regulation of Governing Devices", *10 pp.*

Unclassified L. L. Dekabrun

Proj 11496

T 21-4B

U 415/49

Microfilm on file

ST-100

AR 15 Aug 1949

22T47

Methods of Calculating Magnetic Amplifiers, by M. A. Rozenblat

RUSSIAN, per, Avtomat i Telemekh, ^{Vol.} 18 (1947), ^{No} 4 (Sep/Oct), pp 274-284. (Sep Farnborough, Hants: Royal Aircraft Establishment. *also AMC*

Library translation no. 359

NADA 32981

50/3662 ← Sci Museum Lib No -

TF 0258 ^{LF} FB

London

Bibliographies from "Automatics and Telemechanics,"
37 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Avto i Telemekh, Vol IX, No 1, 1948,
p 83; Vol IX, No 5, 1948, p 357-411; Vol X, No 5,
1949, pp 395-399.

AMC P-TS-7679

Scientific - Electricity, telemechanics, bibliography

Dec 52 CTS/DEX

CIA 1007664

AVTOMAT I TELEMEXH Vol IX, No 2

Mar/Apr
1948*R1 bin's per,*

"Some Structural Conditions of Stability in a System
of Automatic Regulation" 12¹/₄ pp., *34 pp.*

M. A. Ayzerman

T-47 (25)

Loaned to OSI

Copy in file safe

SR 31 Aug 1950

Not published

*CIA/FDDIX-1005**64T54*

AVTOMAT I TELEMekh Vol IX, No 2 Mar/Apr 1948

"Stability and Ratio of Stability in a System of Intermittent Regulation" 21 pp.

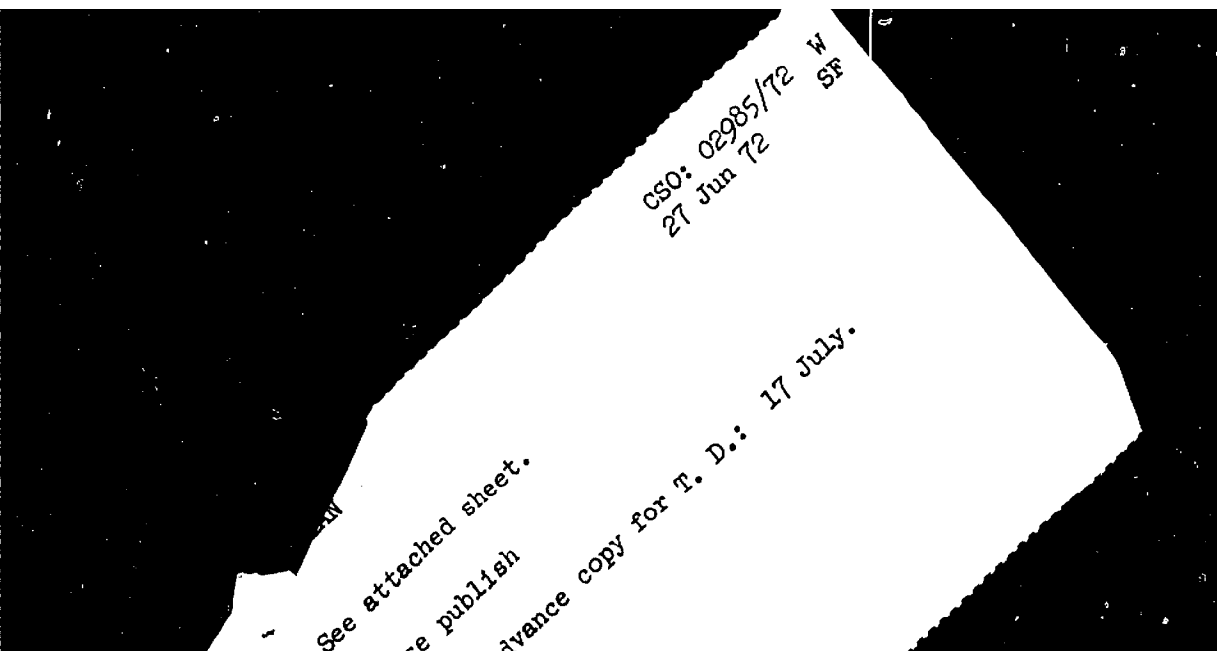
Ya. Z. Tsypkin

T-47 (26)

loaned to OSI

Copy in file safe.

61T55



See attached sheet.
re publish

Advance copy for T. D.: 17 July.

CSO: 02985/72 W
27 Jun 72 SF

RUSSIAN

CSO: 02985/72 W
27 Jun 72 SF

See attached sheet.

Please publish

Need an advance copy for T. D.: 17 July.

vtomatika i telemekhanika (a collection of articles), Moscow 1948 "Gosenergoizdat",
FF 223-254

Doklady, Moskovskiy energeticheskoy institut (Scientific-Technical Conference on the
Results of Scientific-Research Works in 1966-67. Subsection on Automatics and
Telemechanics, Part II), Moscow 1967, MII, FF 108-121

Doklady, Moskovskiy energeticheskoy institut (Proceedings of the Scientific-Techni-
cal Conference on the Results of Scientific-Research Works in 1968-69. Section on
Automatics, Computer and Metrological Engineering, Subsection on Systems Engineer-
ing), Moscow, MII, 1970, FF 99-127

Adjustment of An Aircraft Vertical Indicator

Station in Blind Flying With the Aid of

Determination of the Value of Parameters for
Which an Automatic System is Stable, by
Donald C. Rich, G. F. Hill, 21 pp.

RUSSIAN, per, Avtom i Telemekh, Vol IX,
No 3, 1948, pp 190-203. 9094989

OTS-61-23648

Tr No 33-61

Sci - Engr

179,303

17 Jan 62

Conditions of Adjustment of an Aircraft Vertical
Indicator, by L. Tkachev, 35 pp.
RUSSIAN, per, Avtomatika i Telemekhanika, Moscow,
1948, pp 223-254.
JPRS 56624

Aug 72

AVTOMAT I TELEMEXH

Vol IX, No 5, ~~1948~~,

Sep/Oct 48

p. 363-374

"The Problem of the Linear Theory of the Polarized Relay"

G. A. Ostroumov

24 pp.

Unclassified

Proj 4565

Not published

Thermofax copy sent out

master copy retained

ACT -IX/5-48 Ostroumov

ST-100

U-830

SR 11 May 1950 18/49T11

Principles of Calculation of the Push-Pull Magnetic Amplifier, by M. A. Rozenblat.

RUSSIAN, Avtomat i Telemekh, Vol 10, No 1, 1949, pp 32-50.

Sci Museum Lib No 51/0100 - London

Sci -

also RAETR #360

The Use of Matrix Methods in Problems of the
Structural Analysis of Relay-Contact Networks,
by D. I. Arapovich. UNCL

RUSSIAN, per, Avtomat i Telemekh, Vol X, No 6,
1949, pp 437-451.

DSIR Lending Library Unit
M.26

Sci - Electronics
Apr 59

83,956

(FDD 21703)

Bibliography - A List of Native Literature on
Automatic Controls and Related Topics Published
in 1948 (Continuation), 14 pp.

IN RUSSIAN, bino per, Avtomat i Telemekh. Vol X,
No 6, Moscow, Nov/Dec 1949, pp 467-474.

CIA/FDD/U-6356

USSR

Sci - Engineering, bibliography

18,366

Linearization of the Pulsating Operating
Conditions of a Regulator of Constant Clos-
ing Velocity, by A. M. Popovskii, 4 pp.

RUSSIAN, per, Avtomat I Telemekh, Vol ^{x, no 3,} ~~11(3)~~,
1950, pp 161-163.

Sci Mus Lib Tr 55/2773

RT-3040

Co-op Tr scheme No 50

Sci - Physics, Engineering 30,862

Automatic Control in the Petroleum Industry.

RUSSIAN, per, Avto i Telemekh, Vol XI, No 4,
1950, pp 286-288.

Co-Op Trans Sch Tr 352
£1.48.

USSR
Econ
Jul 57

49,164

Theory of Two Very Simple Relay Systems^Y for
Automatic Control, by V. V. Petrov, G. M. Ulanov,

RUSSIAN, per, Avtomat i Telemekh, ~~XX~~^Y Vol XI,
No 5, 1950, pp ~~289-299~~.

Co-op Tr Sch No 70
L3.6s. (11s.0d.)

US²
USSR

Scientific - Engineering, ~~Dissemin~~ity

18,837

V
Theory of Intermittent Automatic Control III
Transient Processes in Systems with Inter-
mittent Automatic Control, by Ya. Z. Tsypkin,

RUSSIAN, per, Avtomat i Telemekh, ~~Yakymovskiy~~
No 5, 1950, pp ~~300-319~~.

Co-op Tr Sch No 84
16. (Ll.)

18,839

Scientific - ~~Electronics~~, Engineering

On the Computation of Relay Servomechanisms, by E. Ya.
Lekhtman. 20 pp.

Full translation.

RUSSIAN, per Avtomat i Telemekh, Vol 12, No 1, USSR,
1951, pp 15-27.

Sci - Math? Engr?

RT 4652

AEC Tr 1350

Abstract from
Tech Bur if to 11/45?

Aug 52 CTS

DEX

(FDD 21747)

Bibliography - List of USSR Literature on Automatic Regulation and Allied Problems Published in 1949-1950, compiled by Ye. O. Vil'dt, R. S. Landsberg, 39 pp.

RUSSIAN, bimo per, Avtomat i Telemekh, Vol XII, No 3, Moscow, May/JUN 1951, pp 253-262.

CIA/FDD/U-6350

USSR

Sci - Physics, regulations

18, 191

On the Stabilizing Effect of Impulses From Acceleration
in Relay Servo-Mechanisms, by V. V. Petrov,
G. M. Ulanov,

RUSSIAN, hino par. Avtomat i Telemekh, Vol XII, No 5,
1951, pp 389-397.

Co-op Tr Sch 54

RT-3581

USSR

Scientific - Electricity

£2.14s.(9s.0d.) Feb 54 BCES

9611

Stability and Self Oscillation of a Relay Control
System With Delays, by Yu. V. Dolgolenko.

RUSSIAN, bimo per, Avtomat i Telemekh, Vol XIII, No 2,
1952, pp 109-120.

Co-op Tr Sch 56

USSR

Scientific - Electricity

£3.12s.(12s.0d.) Feb 54 CTS

9601

The Use of Rigid and Velocity (Direct First Time
Differential) Feed Back Couplings for Suppressing
Self Oscillations in Two-Stage Servomechanisms With
Relay Control, by V. V. Petrov, G. M. Ulanov.

RUSSIAN, bimo per, Avtomat 1 Telemekh, Vol XIII,
No 2, 1952, pp 121-133.

Co-op Tr Sch 68

Sci Mus Lib

56/0297

11,815

Scientific - Electricity

25.4s. (13s.0d.)

~~Sci Mus Lib~~

Apr 54 CTS

Improvement of the Dynamic Properties of Automatic
Compensators With the Aid of Non-Linear Couplings I.,
by A. Ya. Lerner.

RUSSIAN, bimo per. Avtomat i Telemekh, Vol XIII, No 2,
1952, pp 134-144.

Co-op Tr Sch 52

Sci Mus Lib

55/3091

USSR

Scientific - Electricity

£3.65. (11s. 0d.) Feb 54 CTS

9609

The Preliminary Evaluation and Selection of
Certain Isodromic Servo Systems by the Aspect
of the Boundary on the D-Analysis, by M. Z.
Gankin

RUSSIAN, per, Avto i Telemekh, Vol XIII, No 2, 1952,
pp 145-154.

Sci Mus Sub 55/3070
Co-op Tr Sch 49

Scientific - Electricity

CTS/DEX

Price 1.4s.(4s.0d.)

8542

22 Sep 61

Graphs for Determining the Parameters of a
Steady-State Air Flow Through Systems of
Calibrated Orifices in Pneumatic Regulators,
20 pp, by L. A. Zaimanov.

RUSSIAN, per, Avtomat i Telomekh, Vol XIII,
No 2, 1952, pp 176-192.

ACSI H-8396
ID 2161164

Sci - Engr

168,359

22 Sep 61

On the Practical Use of the Hurwitz Criterion,
by M. A. Ayzerman

RUSSIAN, per, Avtomatika i Telemekhanika, Vol XIII,
No 2, 1952, pp 212-215.

Co-op Tr Sch 42

Sec Instr 910 - 55/3087

Scientific - Electronics Lib Cong RT 3518

CTS/DEX

7863

List of Russian Publications on Automatic Regulations
and Related Questions for 1951

RUSSIAN, per, Avtomatika i Telemekhanika, Vol XIII,
No 2, 1952, pp 217-224.

Co-op Tr Sch 46

Sci Branch 55/3018

Scientific - Electronics
CTS/DEK

7882

Some Problems of the Selection of the Structural
Scheme of an Automatic Control System, by M. V. Mserov,

RUSSIAN, bimo per, Avtomat i Telemekh, Vol XIII, No 4,
1952, pp 405-416.

Co-op Tr Sch 53.

RT-3585
USSR

Scientific - Electricity

Feb 54 CTS

£4.16s.(12s.0d)

9610

On the Upper Limit of the Degree of Stability
of Single-Stage Systems for Automatic Regula-
tion, by Ya. Z. Tsypkin, 4 pp.

Tsypkin *XII, no 4*
RUSSIAN, per, Avtomat I Telemekh, Vol 13(4),
1952, pp 425-428.

Sci Mus Lib Tr 55/3093

Co-op Tr Scheme No 44

Sci - Engineering

31,177

RT-3327

Improvement of the Dynamic Properties of Automatic
Balancing Systems by Means of Non-Linear Linkages, II,
by A. Y. Lerner.

RUSSIAN, bimo per. Avtomat i Telemekh, Vol XIII, No 4,
1952, pp 429-444.

Co-op Tr Sch 58

See Index Sec
56/0295

USSR

Scientific - Electricity

9603

£3.65. (11s. 0d.)

Feb 54 CTS

On the Construction of a Ferrodynamic Vibration
Wattmeter, by S. A. Aleskerov.

RUSSIAN, bimo per, Avtomat 1 Telemekh, Vol XIII,
No 4, 1952, pp 465-468.

Co-op Tr Sch 67

Sci Smo Pub
56/0282

Scientific - Electricity

£1.12s.(4s.0d.)

~~Sci Smo Pub~~

Apr 54 CTS

11,814

Review of the Book "Elements of the Theory of
Automatic Control," by B. M. Kagan, G. M. Ularov

RUSSIAN, per, Avto i Telemekh, Vol XIII, No 4,
1952, pp 488-496.

Co-op Tr Sch 51

Sci. Electr. Sub

55/2111

Scientific - Electricity

CTS/DEX

Price 18s.0d.(3s.0d)

8543

Determination of the Operating Sequence of Elements
in Relay Circuits, by M. A. Gavrilov, 10 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XIII, No 5,
1952, pp 585-591.

Morris D. Friedman Q-152

Sci - Electronics
Feb 59

81,671

The Principles of Construction of Simulators for
Investigating the Processes of Automatic Regulation,
by V. A. Trapeznikov, B. Y. Kogan.

RUSSIAN, per, Avto i Telemekh, Vol XIII, No 6, 1952,
pp 650-663.

Co-op Tr Sch No 82

Scientific - Electronics

Aug 54 CTS

~~2~~4.4s.(14s.0d)

17,763

Supplement to the Article "The Use of Rigid and
Velocity (Direct and First Time Differential)
Feedback Couplings for Suppressing Self Oscillations
in a Two Stage Servomechanism With Relay Control,
by V. V. Petrov, G. M. Ulanov.

RUSSIAN, per. Avto i Telemekh, Vol XIII, No 6,
1952, pp 744-746.

Co-op Tr Sch 78

RT-3584

Scientific - Electronics

94 CTS

21.4s.(3s.Od.)

12,675

Approximate Construction of Curves of the Transient
Response of the System From the Real Part of the
Frequency Characteristics. *by A.A. Vorenov*

RUSSIAN, per, Avto i Telemekh, Vol XIII, No 6, 1952,
pp 747-749.

RT 3575
Co-op Tr Sch 80

Scientific - Electricity
Jul 54 CTS

£1.4s.(3s.0d.)

12,689

Matrix Methods of Analyzing Relay-Contact Circuits
in Terms of the Inoperative Condition, by
G. N. Povarov.

RUSSIAN, per, Avtomat i Telemekh, Vol XV, No 4,
1954, pp 332-333.

Morris D. Friedman T P-129

May 58

63,213

On the Question of the Estimate of the Integral
Criteria of the Quality of Regulation of Non-
linear Systems, by Yu. M. Plishkin, 11 pp.

RUSSIAN, bimo per, Avtomat i Telemekh, Vol XVIII,
No 1, 1955, p 19.-26

Morris D Friedman P-110
\$5.50

Scientific - Physics

CMS 69/Jun 55

24,742

Radiotekhnika, by S. D. Klement'yev, 26 pages,
(AF 675254).

RUSSIAN, in, Avtomatika i Telemekhanika, Chap. XII,
Moscow, 1955, pp 250-262.

ATIC F-TS-9071/V

56, 319

Sol- Engineering
Dec 57

Hydraulic Loss and Fluid Discharge Coefficients
Through the Orifices of a Cylindrical Spool-Valve
Hydraulic Performance Mechanism, by V. A. Khokhlov,
11 pp.

RUSSIAN, bimo per, Avtomat i Telemekh, Vol XVI,
No 1, 1955, p 64.-70

OTS 62-11565
Morris D Friedman K-117
\$5.50

Scientific - Physics

CTS 69/Jun 55

24,743

Synthesis of Optimum Systems With the Aid of the
Phase Space, by A. A. Feldbaum, 34 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol ~~XXV~~ XVI, No 2,
Mar-Apr 1955, pp 129-149.

CIA/FDD X-2895

Sci - Mathematics
Jun 58

64,633

Static Power Transformers, by S. A. Ginzburg,
14 pp.

RUSSIAN, no per, Avto 1 Tele^{mexn}, Vol XVI, No 2, 1955,
pp 172-183.

Morris D. Friedman
\$7.00

Sci - ~~Physics~~
Electronics

26,846

Sep 1955 CTS/DEX

(FDD 27217)

List of Soviet Literature on Automatic Regulation
and Allied Problems for 1954, by E. O. Vil'dt,
R. S. Landsberg, 20 pp.

RUSSIAN, bimo per, Automatika i Telemekhan., Vol XVI,
No 2, pp 219-224, No 3, pp 317-320, Moscow, 1955.
CIA D 197054

33,547

Coop Trans Scheme
No 152

USSR

Sci - Engineering

SLAR-1893

On the Choice of the Optimum Characteristics of
Linear Differentiators in Automatic Control Systems,
by K. I. Kurakin, 10 pp.

RUSSIAN, bimo per, Avto i Tele, ~~HEXX~~ Vol XVI, No 3,
1955, pp 293-299.

Morris D. Friedman

K-158

Scientific - Physics

Jan 56 CTS/DEX

\$5.00

30,265-

(FDD 27216)

All-Leningrad Seminar on the Theory of Automatic Regulation (1953-1954), by A. A. Voronov, 15 pp.

RUSSIAN, bimo per, Avtomat i Telemekh, Vol XVI, No 3, Moscow, May/Jun 1955, pp 300-305.

CIA/FDD U-8662

USSR

Sci - Engineering

Aug 56 CTS/DEX

38,874